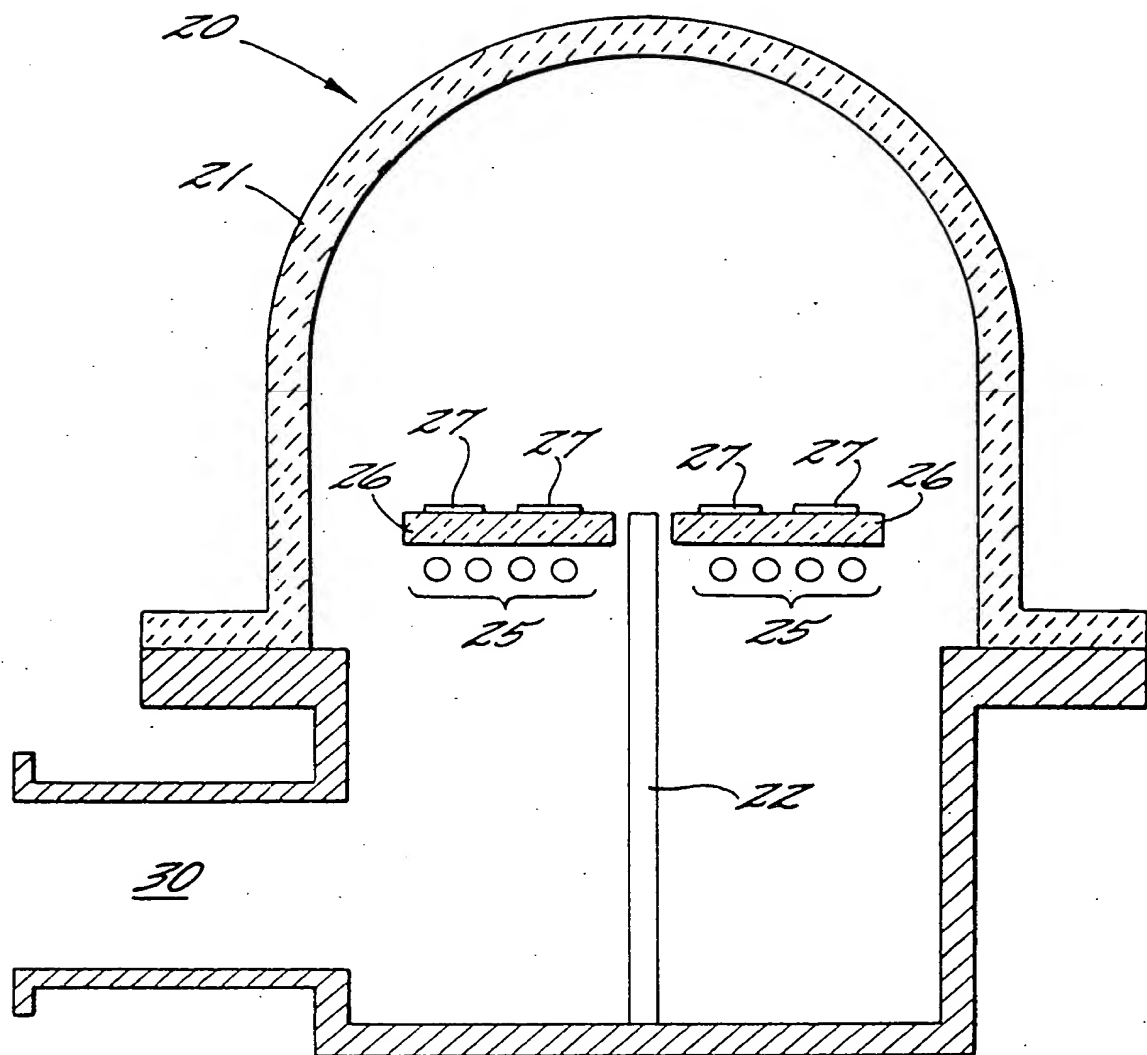


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—FIG. 1.

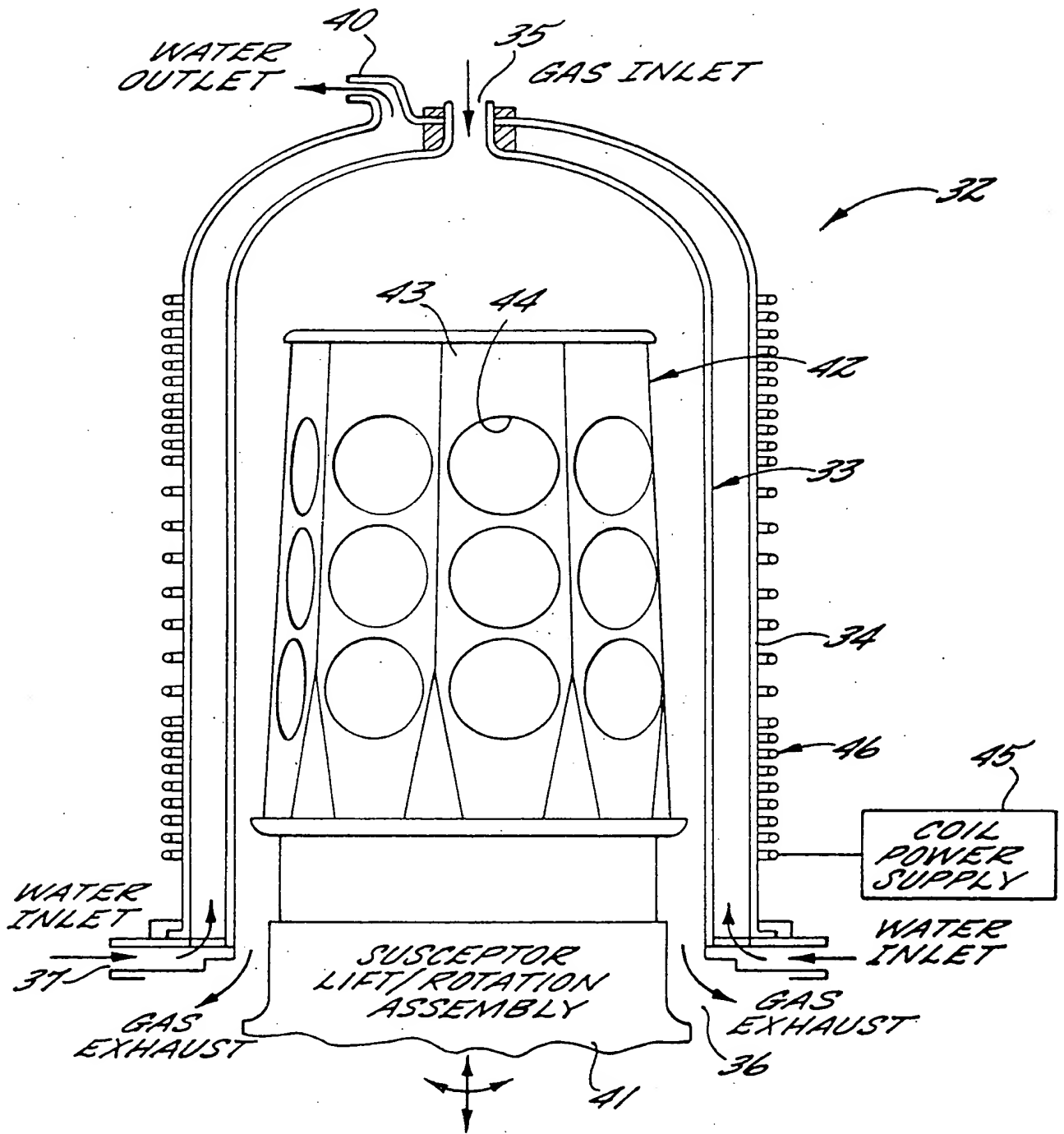


FIG. 2.

$T(\text{SURFACE}) = 1530^{\circ}\text{C}$   
 WAFER THICKNESS = 12 MILS

DELTA  $T = 50^{\circ}\text{C}$   
 DELTA  $T = 30^{\circ}\text{C}$   
 DELTA  $T = 10^{\circ}\text{C}$

Wafer Diameter (inch)	Deflection (1/1000 inch) for $\Delta T = 10^{\circ}\text{C}$	Deflection (1/1000 inch) for $\Delta T = 30^{\circ}\text{C}$	Deflection (1/1000 inch) for $\Delta T = 50^{\circ}\text{C}$
0	0	0	0
1	0.5	1.0	1.5
2	2.0	4.0	6.0
3	5.0	10.0	15.0
4	10.0	20.0	30.0
5	15.0	35.0	55.0
6	20.0	50.0	80.0

42 →

44	44	44
43	43	43

Fig. 4.

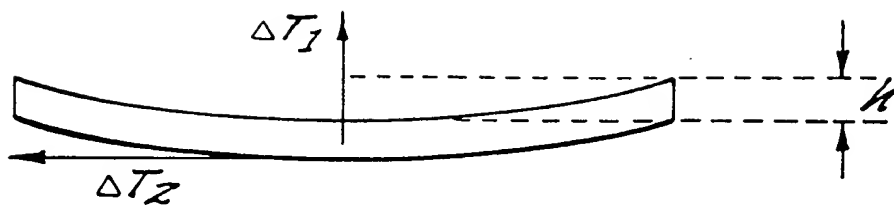


FIG. 5.

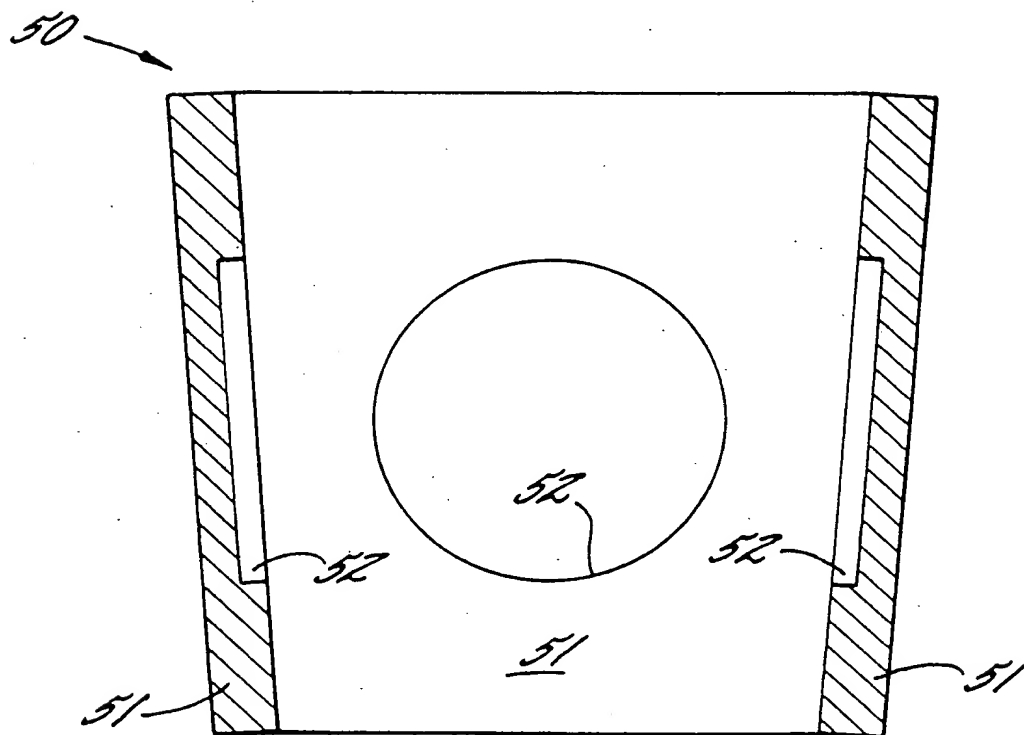


FIG. 6.

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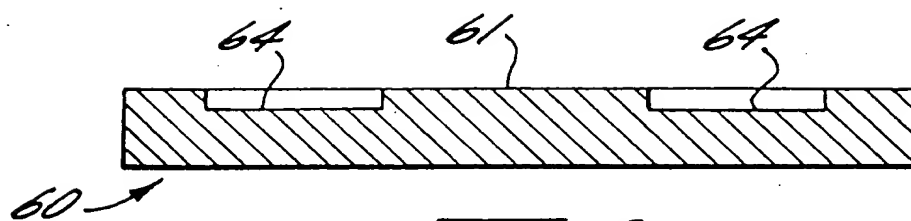


FIG. 8.

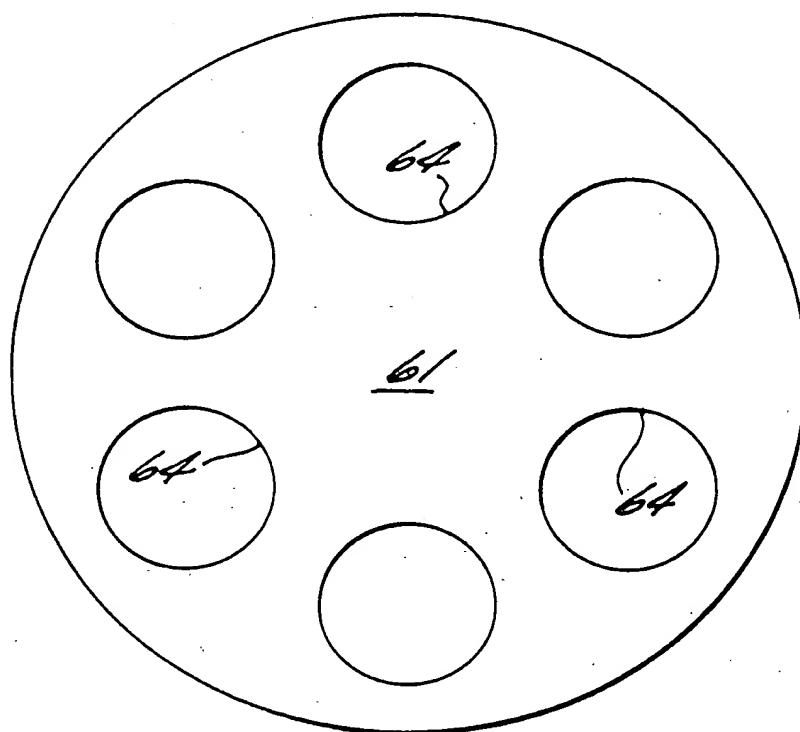


FIG. 9.

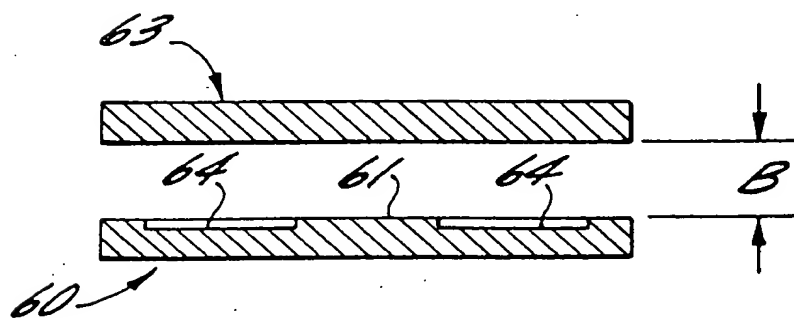


FIG. 10.

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